

GOSIA Manual Updates

DATE	UPDATE
2 April 2008	Updated the Manual to correct an error in OP,INTG to reflect the fact that the maximum dimension of NI2 is 50, not 100. Also revised the Introduction and Release Notes chapters of the manual plus corrected typing errors in CONT and the Rotational Invariants chapter 6.
8 Oct 2007	Chapter 11 in the Gosia Manual changed to include a tutorial and instructions for compiling and using GOSIA. Release Notes added to manual as chapter 13. Some minor editorial changes made to the GOSIA Manual. Posted the latest 2007 version of GOSIA code plus the accuracy-speed-test.tar and gldemo.tar input/output files used by the GOSIA tutorial described in chapter 11.
30 Aug 2007	Updated the manual description of how to evaluate absolute counts using OP,POIN or OP,INTG
20 Aug 2007	Upgraded the GOSIA Manual to include the code GREMLIN
July-Aug 2007	Nigel Warr upgraded the coding of GOSIA, and GOSIA2 which were tested by Adam Hayes.
26 Feb 2007	Updated the manual regarding accuracy problems associated with large adiabaticity. Added a chapter 11 on accuracy, speed and compiling options.
25 Feb 2007	To facilitate new installations a new test input with associated output file and read me file were created that illustrate the accuracy, speed and compiling options for GOSIA.
20 Feb 2007	Corrected error in input instructions for ME in OP. YIEL.
6 Dec 2006	Corrected typing errors in OP: MINI input
24 Aug 2006	Added Drew Whitbeck comments to manual on input for GOSIA2.
25 June 2006	Made corrections to eq 3.15 and 3.16 in manual
13 June 2006	Corrected ICC description in OP,YIEL to include use of four point interpolation and increase in number of ICC energies to 50.
9 June 2006	1) ICC description in OP.YIEL revised with warning about how to handle ICC at energies near the K,L edges. 2) Inserted the PIN diode option in CONT and OP.INTG 3) Added a very short comment about PAWEL
30 May 2006	New version of GOSIA Manual: 1) Includes GOSIA2 for handling simultaneous Coulex of radioactive beams. 2) All equations and chapter numbers in manual incremented by one 3) Corrected figure 2.1 to coord B 4) Added description of Ibbotson annealing code approach to minimization 5) Added comments to aid in calculating total cross sections to OP.INTG 6) Update OP.YIEL to include 1997 update allowing input of matrix elements for all multipolarities. 7) Added description of OP,THEO to calculate rotational mode E2 matrix elements